

select at least two transport layer protocol streams for communication on at least two communication paths on the basis of the monitoring, wherein the at least two communication paths comprise a first association between the apparatus and a first access node and a second association between the apparatus and a second access node.

18. The apparatus of claim **10**, wherein selecting the at least two transport layer protocol streams for the communication comprises selecting only a first transport layer protocol stream for transmitting a first packet and selecting only a second transport layer protocol stream for transmitting a second packet.

19. The apparatus of claim **10**, wherein the apparatus is a user terminal operating at least under the wireless local area network of the IEEE 802.11.

20. A computer program product embodied on a distribution medium readable by a computer and comprising program instructions which, when loaded into an apparatus, cause the apparatus at least to:

configure a plurality of transport layer protocol streams for a communication with another node via at least one communication path, wherein each transport layer protocol stream has a different maximum segment size;

monitor at least one performance parameter of each communication path between the apparatus and the other node; and

select at least one transport layer protocol stream for the communication on the basis of the monitoring.

21-29. (canceled)

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